LISTING OF CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1   1. – 9. (Cancelled)

1   10.   (Previously Presented) A method for maintaining secure network connections, the
2   method comprising:
3   duplicating, at a third network element, a security association associated with a secure
4   network connection between a first network element and a second network element, wherein a
5   lookup of the security association associated with the secure network connection is not
6   dependent on any destination address; and
7   in response to detecting failure of the second network element, replacing the second
8   network element with the third network element in the secure network connection with the first
9   network element, wherein the secure network connection between the first network element and
10   the third network element is based on the duplicated security association.

1   11.   (Previously Presented) The method according to claim 10 further comprising sending at
2   least one secure message from the third network element to the first network element to notify
3   the first network element that the secure network connection will be taken over by the third
4   network element.

1   12.   (Previously Presented) A method for maintaining secure network connections, the
2   method comprising:
3   configuring a plurality of security gateways such that a lookup of security associations is
4   not dependent on any destination address; and
5   sharing a security association among the plurality of security gateways.

1   13.   (Cancelled)

1   14.   (Previously Presented) The first security server according to claim 22, wherein a lookup
2   of security associations is not dependent on any destination address.

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1   15. – 16. (Cancelled)

1   17.   (Previously Presented) The first security server according to claim 22, wherein
2   communications between the mobile client and the first security server are based on a security
3   architecture for the internet protocol (IPsec).

1   18. – 19. (Cancelled)

1   20.   (Previously Presented) The method of claim 10, further comprising:
2   during life of the secure network connection between the first and second network
3   elements, the third network element receiving information relating to the security association of
4   the secure network connection from the second network element.

1   21.   (Previously Presented) The method of claim 20, wherein the first network element is a
2   mobile client, and the second and third network elements are security servers.

1   22.   (Previously Presented) A first security server comprising:
2   a transceiver to receive information relating to at least one security association of a secure
3   network connection between a mobile client and a second security server; and
4   a processor module to:
5   monitor operation of the second security server;
6   in response to detecting failure of the second security server, send a message to
7   the mobile client that the first security server is taking over the secure network connection; and
8   communicate with the mobile client using the at least one security association
9   over the secure network connection between the first security server and the mobile client.

1   23.   (Previously Presented) The method of claim 10, wherein the first network element is a
2   mobile client, and the second and third network elements are security servers.

1   24.   (Previously Presented) The first security server of claim 22, wherein information relating

2   to the at least one security association is duplicated at the first and second security servers.

1   25.   (Previously Presented) The method of claim 12, wherein sharing the security association

2   comprises sharing an IPsec security association among the plurality of security gateways.